Building	Survey Unit	Reviewer	Overall score (0, 1, or 2)	Box Plots	Q-Q Plots	Rounds of excavation	Gamma scan or static concerns	On vs offsite lab	Time Series	Signs of falsifying (1=Yes, 0=no)	Signs of falsification summary	Failure to follow workplan (1=Y, 0=N)	Signs of failure to follow workplan	Overal l score (0 to 2)	Comments - Other	Followup needed, e.g. questions for Navy	Recomm end for PCA (1=Y, 0=N)	Grey area - talk to group	CDPH Recommendation
364	SU 20	TJ/KB	NA	NA	NA	Cs-137, Ra-226 exceeded release criteria, 150 cubic yards of soil removed, Post Remediation samples collected	Many measurements throughout the combined site exceeded the investigation limit of 3-sigma plus background. Summary statistics were not provided in the FSSR for individual survey units	2-6 month delay in offsite analysis, FSS Samples 45-72 were collected 10/20/2009 dates but reported 10/21/2009 in FSSR Report	NA	1	Delay in analysis of some samples 2 to 6 months which raises concern of Chain of Custody. Bias samples for Ac-228, K-40, and Bi-214 show less variability than FSS or characterization samples, but there were only 7 samples. FSS_SYS for Bi-214 have somewhat less variability than one might expect (range .2 to 1.0 pCi/g).	1	No instrument information, no calibration due date, no static surveyor name, and no approved surveyor name was reported for this survey	NA	Behind Building 364, Peanut spill	Ask the Navy regarding delay in analysis	NA	NA	Resample
364	SU22	TJ	NA	NA	NA	Cs-137 exceeded releases criteria, 44 soil samples collected, 31 cubic yards were excavated. SU22 consolidated into trench unit 153	No static data for the FSSR. Summary statistics for this SU not provided in the FSSR.	No offisite results were reported as part of the charaterization samples	NA	0	Completely excavated due to TU 153	1	NA	NA	Building Behind 364, No FSS soil samples, excavated and consolidated to TU 153	NA	NA	NA	NFA
364	SU 23	TJ	NA	NA	NA	Ra-226 remediated from one location. 29.75 cubic yards were excavated.	Scan and statics provided, no instrument or calibration information	FSS sample 48 is reported to be counted on 3/11/2010 which is one year later than the rest of the FSS samples. Samples 48-65 were collected 2/4/2009 however dates reported as 2/5/2009 in the FSSR, except sample 65 reported as being collected on 2/6/2009.	NA	1	Delay in analysis of sample 48 by a year	1	Scan and static data not provided, no calibration and instrument information	NA	Behind Building 364, Peanut Spill	Explain the delay in soil analysis	NA	NA	Resample
364	SU 24	TJ	NA	NA	FSS samples concentratio n for K-40 is different compared to Biased and Chararcteriza tion sample	Two rounds of excavation as Rad-226 exceeded the release criteria. 142.75 cubic yards of soil removed.	Many scans exceeded 3 sigma plus background. Scan and statics provided, no instrument or calibration information.	FSS 72-89 were collected 2/4/2009. However in the report the date of collection is 2/5/2009 for all samples, except 75, 84, 85, 86, 88 which were reported to be collected on 2/6/2009. Delay time in sending samples to the offsite lab and some samples were received at the offsite lab 2-3 months after sample collection.	Ac-228, Bi-214, K-40 Low for biased	1	K-40 concentration of the biased samples low compared to systematic and characterization samples. Many scans exceeded 3 sigma plus background.	1	No summary statistics on static measurements	NA	Behind Building 364, Peanut Spill	Explain the delay in soil analysis			Resample
364	SU 25	TJ/KB	NA	NA	NA	Two rounds of excavation as Ra-226 exceeded release criteria, 32.5 cubic yards soil removed	scan and statics provided, scans above 3 sigma, no instrument, calibration due date, approved survey name	on vs offsite lab consistent, FSS Samples 55-72 collected 2/4/2009, Collection date in report 2/6/2009	Ac-228, Bi-214, K-40 Low for biased samples	1	Discrepancy in the date of collection in the report. Also a delay time in sending the samples to offsite lab by 2-6 months.	1	No summary statistics on static and scan measurements, no instrument information, no calibration due date, no static surveyor name, no approved survey name was reported for this survey	NA	K-40 on avg higher than other bldgs in Parcel G. Behind Building 364, Peanut Spill	Explain the delay in soil analysis			Resample
364	SU 26	TJ/KB	NA	NA	NA	2 rounds of excavation, Cs-137 exceeded release critria, 69 cubic yards of soil remediated, SU-26 moved to SU-30	Many scans above the release criteria of background plus 3 sigma. All static below release criteria, no instrument and calibration information	on vs offsite consistent	NA	1	Delay time sending samples to the offsite by 2-6 months. Cs-137 exceeded release criteria.	1	no instrument calibration, instrument information, no calibration date, no static surveyor, no summary statics provided scan and static	NA	Behind Building 364, Peanut Spill	Explain the delay in soil analysis			NFA
364	SU 27	TJ/KB	NA	Unusual small variance of FSS samples. One outlier was identified for K-40.	The graph shows low variability compared to other SUs	0 excavation	No gamma scan data observations, no gamma statics observations	on vs offsite lab consistent, FSS Samples 1-15, 17, 18 collected on 12/6/2008, #16 collected next day, delay time in sending samples to the offsite lab. Some samples were received at the offsite lab two to six months after sample collection. Some results were finalized 18 months after initial counting.	NA	1	K-40 ranges from -6.75 to 13.65, survey unit where Peanut Spill site occured no bias samples taken and no remediation, samples were collected more than one day and also delay in analysis of soil samples	1	No Scan or static data provided	NA	Site of the Peanut spill, 2-6 months later delay, missing scan data from the FSSR, Form said "no remedial action" and also "peanut spill", Unusually low variability in Bi-214 data (range is about .1 to .7 pCi/g). Given the low variability in Bi-214, the fact that one FSS_SYS sample was collected 1 day later and that is the same day when the others were counted, and the delay sending samples to the off-site lab.	Explain the delay in soil analysis			Resample